PATENT COOPERATION TREAT

PCT

REC'D	2	2	JUN	2006	
WIPO				PCT	•

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION	See Notification	on of Transmittal of International camination Report (Form PCT/IPEA/416)		
5004-2-PCT			Priority date (day/month/year)		
International application No.	International filing date (day/month/year)				
PCT/US04/42866 18 December 2004 (18.12.)	19 December 2003 (19.12.2003)		
International Patent Classification (IPC)	or national classification and IPC				
IPC: A63B 69/00 (2006.01) USPC: 473/448,447,446,422,476,472,479,484,485,486,488					
Applicant					
CHIPPERFIELD,RICHARD F.					
Examining Authority and	nary examination report has been is transmitted to the applicant at a total of $\frac{2}{3}$ sheets, including	according to Art	icle 36.		
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of sheets.					
3. This report contains indications relating to the following items:					
I Basis of the report					
II Priority					
III Non-establishm	nent of report with regard to no	velty, inventive	step and industrial applicability		
IV Lack of unity o	f invention				
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
VI Certain docume	VI Certain documents cited				
VII Certain defects	VII Certain defects in the international application				
VIII Certain observa	ations on the international appl	ication			
Date of submission of the demand Date of completion of this report					
20 December 2005 (20.12.2005)		02 May 2006 (02.05.2006)			
Name and mailing address of the IPEA/US		thorized officer			
Mail Stop PCT, Attn: IPEA/ US Commissioner for Patents		me Kim	die France		
P.O. Box 1450 Alexandria, Virginia 22313-1450	. 17		308-1148		
Facsimile No. (571) 273-3201					
Form PCT/IPEA/409 (cover sheet)(July 1998)					

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

	_
International application No.	
PCT/US04/42866	

	Basis	of the report
1.	With	regard to the elements of the international application:*
		the international application as originally filed.
	\boxtimes	the description:
		pages 1-18 as originally filed
		pages NONE, filed with the demand pages NONE, filed with the letter of
		the claims: pages NONE, as originally filed
		pages NONE, as amended (together with any statement) under Article 19
		pages 19 and 20 , filed with the demand
	<u> </u>	pages NONE , filed with the letter of
	\boxtimes	the drawings:
		pages 1-8, as originally filed pages NONE, filed with the demand
		pages NONE , filed with the letter of
		the sequence listing part of the description:
	<u> </u>	pages NONE, as originally filed
		pages NONE , filed with the demand pages NONE , filed with the letter of
2	Witl	pregard to the language, all the elements marked above were available or furnished to this Authority in the
	lang	page in which the international application was filed, unless otherwise indicated under this item.
	The	se elements were available or furnished to this Authority in the following language which is:
		the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).
		the language of the translation furnished for the purposes of international preliminary examination(under Rules 55.2 and/or 55.3).
3.	Witl inter	n regard to any nucleotide and/or amino acid sequence disclosed in the international application, the national preliminary examination was carried out on the basis of the sequence listing:
		contained in the international application in printed form.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4.		The amendments have resulted in the cancellation of:
		the description, pages NONE
		the claims, Nos. NONE
		the drawings, sheets/ fig NONE
5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
th	ic ron	beyond the disclosure as ined, as indicated in the supplemental Bon (real visale), seement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in order as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US04/42866

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. STATEMENT					
Novelty (N)	Claims 1-16	YES			
101010 (14)	Claims NONE	NO			
	Claims 1-16	YES			
Inventive Step (IS)	Claims NONE				
		YES			
Industrial Applicability (IA)	Claims 1-16				
	Claims NONE				
center and the second rim revolves around the center As to claims 9-16: The method of using the device is Claims 1-16 meet the criteria set out in PCT Article be made or used in industry.	anot disclosed in the prior art. 33(4), and thus has industrial applicability be	cause the subject matter claimed can			